Title (en)

INSPECTION DEVICE

Title (de)

INSPEKTIONSVORRICHTUNG

Title (fr)

DISPOSITIF DE CONTRÔLE

Publication

EP 2990758 A1 20160302 (EN)

Application

EP 14787947 A 20140425

Priority

- JP 2013092438 A 20130425
- JP 2014061664 W 20140425

Abstract (en)

The invention provides an inspection apparatus capable of preventing a conforming article from being judged as nonconforming when inspecting a molded object for acceptability by performing image processing on an image captured of the inspection object. The apparatus includes a model pattern positioning means (15) for positioning a model pattern (M) in a position with a highest degree of agreement by matching the model pattern (M) against the image captured of the inspection object, a model pattern dividing means (16) for dividing the model pattern (M) into a plurality of elements in such a manner as to have mutually overlapping regions (D), and a shape recognition means (17) for recognizing a shape corresponding to the model pattern (M) by positioning each of the elements divided by the model pattern dividing means (16) in a position with a highest degree of agreement by performing pattern matching within a predetermined range with reference to the position where the model pattern (M) has been positioned on the image.

IPC 8 full level

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CPC (source: EP US)

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Designated contracting state (EPC)

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EP 2990758 A1 20160302; **EP 2990758 A4 20160629**; **EP 2990758 B1 20180919**; CN 105339755 A 20160217; CN 105339755 B 20180406; JP 2014215163 A 20141117; JP 6126450 B2 20170510; US 2016086320 A1 20160324; US 9710904 B2 20170718; WO 2014175413 A1 20141030

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